






# ABHINAY GEDELA

 saiabhinaygedela@gmail.com

 9618882624

 Kothapeta Street, Stadium road,Rajamundry,533101

 www.linkedin.com/in/ gedela-abhinay-65836628b

 https://github.com/Abhii200

## EDUCATION

**Bachelor of Degree : Computer Science & Design , SRKR Engineering College**

2022 – 2026




**Intermediate: Adithya Junior College**

2020 – 2022

## EXPERIENCE

- Software Engineer Intern , Bizcraft Advisors**
  - Implemented automated UI tests using the Playwright framework with TypeScript, improving test coverage and reliability.
  - Developed and executed comprehensive Jest tests for 15+ Express.js endpoints, ensuring robust backend functionality and data integrity, which significantly reduced production issues.
  - Optimized AI-powered scripts using OpenAI and Azure Form Recognizer to automate data extraction from over 1,000 Form 16 tax documents, achieving 95% accuracy and reducing processing time by 80%.
  - Developed a sophisticated Machine Learning model using Large Language Models (LLMs) for classifying 30+ file categories, integrating both textual and visual features
  - Implemented Sentence Transformers and Hugging Face models to generate high-quality embeddings from text and images, creating a scalable solution for diverse file types
  - Trained a logistic regression classifier on the combined embeddings, achieving high accuracy in text and image classification tasks with an accuracy of 87.5%.
- Developer, SRKR College Website**
  - Contributed as a key member of the development team during critical accreditation inspections by NAAC and NBA, ensuring alignment with accreditation standards and requirements.
  - Spearheaded the implementation of user-centric design principles, significantly enhancing website usability and overall user experience.
  - Developed KBC (Kaun Banega Codepathi), a quiz website for programming knowledge assessment, achieving breakeven and profitability; participated in College Fest with this website and made profits..
  - Taught several courses throughout the college as part of a team, contributing to the academic community.

## PROJECTS

- MAGICAL DB** 
  - Developed a dynamic website for Hyderabad Central University to explore gene interactions.
  - Used the MAGICAL DB platform to enhance data access and analysis, reducing research time by 50%.
  - Optimized database performance and implemented essential backend features.
  - Visualized and analyzed large datasets using Cytoscape, aiding in valuable insights and informed decision-making.
- BhimavaramOpen ( Tennis Tournament )** 
  - Architected and managed database schema for player, match, tournament schedule, and result information storage.
  - Implemented a comprehensive player profile management system, facilitating personal detail modification, photo uploads, and match stats tracking.
  - Conducted rigorous unit tests and comprehensive testing to debug backend code and ensure seamless cross-browser and cross-device functionality.
- KBC(Kaun Banega Codepathy)** 
  - Built a quiz website for programming knowledge assessment using HTML, CSS, JavaScript, PHP, and MySQL.
  - Implemented user authentication, dynamic quiz generation, real-time scoring, and performance analytics.
  - Achieved project breakeven and profitability by driving user engagement and satisfaction.

## SKILLS

**Programming Languages:** C,Java,Python

**Web Development:** HTML, CSS, Javascript, Php,Node.js, React.js,Express.js, MySQL, MongoDB, PostgreSQL

**Frame Works:** FastAPI,Playwright

**Tools:** Git, Blender ,3D Maya

## CERTIFICATES

- Html , Css , JavaScript
  - Java and Python
  - Postman API
  - NIT Startup Expo